Play:	<b>407</b> C	owlitz-Spencer G	as								
Province:		estern Oregon - \									
Geologist:		· ·	J			Status:	confirmed				
Play Attrib	outes:	Probability of Occurrence									
	C	harge	1.00								
	R	eservoir rock	1.00								
	$\mathbf{T}_{1}$	raps	1.00								
	Pl	ay Probability	1.00								
Oil Accum  Median  F5 of Largest Accumulation			ations <u>Gas</u> MMBO MMBO	Accumula 8 150	ations BCFG BCFG						
TS	TSP Shape Factor			7							
Mean (calculated)			MMBO	14.6	<b>BCFG</b>						
Number of	Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):										
Oil Accumulations Gas Accumulations											
	inimum	0		1							
	edian	0		10							
M	aximum	0		80							
M	ean (calculated	d) 0.0		<b>22.</b> 7							

Play: 407 Cowlitz-Spencer Gas

Province: 4 Western Oregon - Washington

Geologist: Johnson, S.Y. Status: confirmed

Ratio of Associated-Dissolved Gas to Oil: CFG/bbl

Ratio of NGL to Non-Associated Gas: 0 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: bbl/MMCF

API Gravity (degrees): <u>minimum</u> <u>mean</u> <u>maximum</u>

Depth of Oil Accumulations (ft): <u>minimum median maximum</u>

Depth of N-A Gas Accumulations (ft): <u>minimum median maximum</u>

1,500 2,500 10,000

Play:	407 Cowlitz-Spencer Gas												
<b>Province:</b>	4 Western Oregon - Washington												
Geologist:	Johnson,	S.Y.					Status:	confirmed					
Estimated Resources:													
Oil (MMBO)													
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	NOT (MANDAGE)												
Foo	NGL (MMBNGL)												
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Associated-Dissolved Gas (BCFG)													
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Non-Associated Gas (BCFG)													
EOO	E05	E75			,	<b>D</b> 1		1					
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
7.00	19.70	71.50	183.40	525.30	1,019.20	1,336.10	331.10	340.00					